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(54) STERILE OCCLUSION FASTENER AND INSTRUMENT AND METHOD FOR PLACEMENT THEREOF

(57) Abstract:

PURPOSE: To enable a clip to be included at an efficient and closed position until reaching a tissue structure to be sutured to enable use of a small access port and to enable the clip to reduce force required for suture of the tissue structure by endoscopically applying it to the tissue structure.

CONSTITUTION: A tissue structure is positioned in jaws 8, 9 of a clip applier in a first process. Jaws 8, 9 are closed to lock to compress and temporarily occlude the tissue structure by a preset force. When the tissue structure is satisfactorily positioned, a second

stage to proceed clipping through the axis of the clip applier at the closed position is started. At the end of the clip applier 1, the clip is slightly opened to capture the previously compressed tissue structure and placed on the tissue structure. Next, the clip is separated from the end of using the apparatus 1.

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